

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application

1 1. (Original) An information storage device
2 comprising:
3 one or more semiconductor memories;
4 an information processing part that, according to an
5 operation program, reads data stored in the one or more
6 semiconductor memories, writes data to one or more
7 semiconductor memories, and performs other operations; and
8 a transfer processing part that, if read data read
9 from the semiconductor memories contains minor errors the
10 counts of which is equal to or less than a predetermined
11 counts, corrects the minor errors and transfers the data,
12 and if the read data contains major errors the counts of
13 which is more than the predetermined counts, transfers the
14 data without correcting the major errors.

1 2. (Original) The information storage device
2 according to claim 1,
3 wherein the transfer processing part comprises:

4 a management data creation part that creates
5 management data used for data corrections from write data
6 transferred from the outside;
7 an error detection part that detects whether the read
8 data contains error locations, based on the read data and
9 the management data created by the management data creation
10 part; and
11 a first data correction and calculation part that,
12 when errors are detected by the error detection part,
13 calculates the correction locations and the correction data
14 of the read data, and judges whether the read data contains
15 major errors or minor errors, and
16 wherein the information processing part, when the
17 first data correction and calculation part judges that the
18 read data contains minor errors, replaces the read data by
19 the correction data in the correction locations thereof
20 calculated by the first data correction and calculation
21 part, and transfers the corrected data to the outside, and
22 when the first data correction and calculation part judges
23 that the read data contains major errors, transfers the
24 read data to the outside without correcting the read data.

1 3. (Original) The information storage device
2 according to claim 2,
3 wherein the first data correction and calculation
4 part, when the read data contains N or fewer errors, judges
5 the errors as minor errors, and if the read data contains N
6 plus one or more errors, judges the errors as major errors.

1 4. (Original) An information storage device
2 comprising:
3 one or more semiconductor memories;
4 an information processing part that, according to an
5 operation program, reads data stored in the one or more
6 semiconductor memories, writes data to the one or more
7 semiconductor memories, and performs other operations; and
8 a transfer processing part that, if read data read
9 from the semiconductor memories contains one error,
10 corrects the error and transfers the read data, and if the
11 read data contains two or more errors, transfers the read
12 data to the outside without correcting the errors.

1 5. (Original) The information storage device
2 according to claim 4,
3 wherein the transfer processing part comprises:

4 a management data creation part that creates
5 management data used for data corrections from write data
6 transferred from the outside;
7 an error detection part that detects whether the read
8 data contains error locations, based on the read data and
9 the management data created by the management data creation
10 part; and
11 a first data correction and calculation part that,
12 when an error is detected by the error detection part,
13 calculates the correction locations and the correction data
14 of the read data, and judges whether the read data contains
15 two or more errors, or one error, and
16 wherein the information processing part, when the
17 first data correction and calculation part judges that the
18 read data contains one error, replaces the read data by the
19 correction data in the correction location thereof
20 calculated by the first data correction and calculation
21 part, and transfers the corrected data to the outside, and
22 when the first data correction and calculation part judges
23 that the read data contains two or more errors, transfers
24 the read data to the outside without correcting the read
25 data.

6-10 (Cancelled)